Group 1 Issues Discussed

1. How to foster cross-organizational collaboration for SE
   - Barriers
   - Funding to implement
   - Process to accomplish
2. Compare and contrast government and contractor relationships for SE
   - What should the government do?
   - How should the contractor respond?
   - Merging the products, e.g., SEP/SEMP
3. What are the issues associated with implementing SE and Test Collaborative Environments?
   - Role of needed standards?
   - Intellectual property issues between the government and contractor and among competing contractors
   - By whom and how are resources provided?
   - Data standards needed to share information
   - Multi-level security

Group 2 Issues Discussed

1. JCS/DoD SE Roles and Responsibilities
   - How do we trace joint capabilities into the system level and SOS acquisition programs?
   - How do capability roadmaps translate to derived acquisition requirements?
   - What are the needed organizational changes to the JCIDS/acquisition process, i.e., capability managers?
2. PM Office human resources are declining, which hinders the ability to formulate constraints for, and to monitor, a sound SE technical process
   - Human resources/staffing levels
   - Abilities/skills
   - Revitalize workforce numbers
   - Recruiting
3. How do we ensure that PM and SE certifications adequately address SE?
   - PM certification
   - SPRDE certification
   - Additional certifications, e.g., architecture
   - Dual/Multiple certifications
   - Continuous Learning modules

Group 3 Issues Discussed

1. Requirements
   - How to stabilize?
   - How to translate user needs into program requirements?
   - Mechanics of requirements IPT
   - Tools for tracking requirements evolution
2. SOS/FOS – The Department does not have an SE process to deal with SOS/FOS (Enterprise Engineering)
   - Different elements (programs) managed by different PMs and Services
   - Different elements (programs) at different lifecycle stages
   - How to ensure conformance at the individual program level
   - How do individual programs influence SOS?
3. Dealing with GIG/Net-Centric
   - Process to deal with SE for the unknown specs of remaining KIPs, NCES, and other unknown and undefined requirements
   - How to define system boundary with rising expectations regarding interoperability
   - How to verify/validate Net-Centric
   - Can we engineer Net-Centric operations before ‘net-centricity’ is defined?

Group 4 Issues Discussed

1. SE Post-Milestone C
   - Sustainment community
   - Recovery of systems from AMARC
   - Extended beyond planned life
2. Logistics and HSI in the SE process (relationship between PBL and SE)
3. Lack of SE Metrics to Assess Effectiveness of SE Process
   - What are examples of successful SE metrics?
   - Leading vs. lagging?
   - By program phase?
   - Who should define these?
   - How do we execute event-based policy in schedule-driven realities?
   - How does this become the standard way of doing business?
   - What needs to change to allow this to happen?
   - Who should do this?

Group 5 Issues Discussed

1. How do we convey the value of SE to stakeholders outside the SE community?
   - What is the message?
   - Who should sent it?
   - Where does it need to go?
2. Contracting for SE
   - How do we define SE requirements in contracts?
   - How do we discriminate among offerors' SE capabilities/proposed processes?
   - Should we incentivize SE? How?
3. SE Specs/Stds
   - Should DoD bring back SE-related specs/stds?
   - If so, which ones?
   - Who should do it?

Group 6 Issues Discussed

1. How best to engage warfighters in the SE process across the lifecycle
2. Is the guidance on SEP content sufficient?
   - ACAT II and III vs. I
   - Due to complexity
   - Level of Detail (How much history/future? SOS? Enterprise?)
   - Living document (How show this?)
   - Tailoring for business systems
   - Expectations at each phase
   - Template?
   - More/better guidance?
   - CMMI inclusion
3. Integration with other plans, e.g. acquisition strategy… combine?
   - SEMP
   - TEMP
   - ASR
   - Others